INTERNATIONAL SEARCH REPORT

International application No:

PCT/JP2004/009717

4		:	FC1/0F2	0047003717	
A. CLASSIFIC	ATION OF SUBJECT MATTER				
Int.Cl	H01M8/02, F16J15/00				
According to Inte	rnational Patent Classification (IPC) or to both national	classification and IF	ر 		
B. FIELDS SEA					
B. FIELDS SEA	entation searched (classification system followed by class	sification symbols)			
Tot C17	H01M8/02, F16J15/00	•			
1110.01				-	
	•	•			
		that such dosumes	to are included in the	fields searched	
Documentation s	earched other than minimum documentation to the extension Shinan Koho 1922-1996 Tor	oki Jitsuvo S	Shinan Koho	1994-2004	
Jitsuyo	Shinan Koho 1922-1996 Tor tsuyo Shinan Koho 1971-2004 Jit	suyo Shinan S	Toroku Koho	1996-2004	
Electronic data b	ase consulted during the international search (name of da	ita base and, where	practicable, search te	mis usea)	
C. DOCUMEN	TS CONSIDERED TO BE RELEVANT				
		ropriate of the rele	vant passages	Relevant to claim No.	
Category*	Citation of document, with indication, where app				
	JP 2001-332275 A (NOK Kabushi	.ki Kaisha),	,		
	30 November, 2001 (30.11.01),	•		1,4	
X	Fig. 14	•		2,3,5,6	
Y	Fig. 5	•			
	(Family: none)		•		
Y	JP 8-507403 A (Ballard Power	Systems In	c.),	2,5	
•	06 August, 1996 (06.08.96),	_			
	Fig. 9				
	& WO 94/9520 A				
	control of the contro	st Co I.td	1	. 2,5	
Y	JP 2002-81543 A (Nippon Gaske	et co., nea	. , ,		
	22 March, 2002 (22.03.02),			4	
	Fig. 2 (Family: none)			·	
	(ramily, hency				
				1 .	
<u> </u>			·	<u></u>	
× Further do	ocuments are listed in the continuation of Box C.	See patent f	amily annex.		
	turned by the design of published after the international filing date or priority				
"A" document d	lefining the general state of the art which is not considered	date and not in	conflict with the applic	Cation but cited to dispersione	
to be of particular relevance to be of particular relevance; the claimed invention cannot be					
"E" earlier appli	cation or patent but published on or after the international	considered no	ivel or cannot be cons	IGGISG TO INVOIVE BU HIVE HELL	
"I." document y	which may throw doubts on priority claim(s) or which is		document is taken alon		
cited to est	ablish the publication date of another citation or other on (as specified)	مه اممه د د : د	. inuniwa an invenilya	claimed invention cannot be step when the document is	
	of (as specified) eferring to an oral disclosure, use, exhibition or other means	combined will	one or more other such to a person skilled in th	d documents, and companience	
"P" document p	sublished prior to the international filing date but later than	being obvious "&" document mei	nber of the same patent	family	
the priority	date claimed	oc accomment the	or are summe provide	•	
	The court of the court of	Date of mailing of	f the international sea	arch report	
Date of the actual completion of the international search 19 October, 2004 (19.10.04) Date of maining of the international search 02 November, 200			ember, 2004	(02.11.04)	
19 000	ODEI, 2004 (13.10.04)				
		Authorized office			
Name and maning address of the 1070			r		
Japanese Patent Office					
		Telephone No.			
Facsimile No.	10 (second sheet) (January 2004)	1			
, Jim I C 1/13/V2	TO (Second Sheer) (similar) 2004)		•		

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/009717

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 8-200503 A (SANWA PACKING INDUSTRY CO., LTD.), 06 August, 1996 (06.08.96), Fig. 2 (Family: none)	
Y	JP 2000-356267 A (Mitsubishi Cable Industries, Ltd.), 26 December, 2000 (26.12.00), Full text (Family: none)	3 , 6
A	JP 2003-83165 A (NOK Kabushiki Kaisha), 19 March, 2003 (19.03.03), (Family: none)	1-6
Α	JP 2002-50369 A (NOK Kabushiki Kaisha), 15 February, 2002 (15.02.02), (Family: none)	1-6
A	JP 2001-185174 A (NOK Kabushiki Kaisha), 06 July, 2001 (06.07.01), (Family: none)	1-6
Α.	JP 2002-42837 A (Honda Motor Co., Ltd.), 08 February, 2002 (08.02.02), (Family: none)	1-6